

**ORDER**

**U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION**

1720.30B

5/7/90

DISTRIBUTION OF SYSTEMS MAINTENANCE-SERVICE  
**SUBJ: TECHNICAL DIRECTIVES AFFECTING AIRWAY FACILITIES**

1 **PURPOSE.** This order sets forth the method of distributing certain Systems Maintenance Service 6000 series technical directives, i.e., equipment modifications, maintenance technical handbooks, orders, and notices applying to specific facilities/equipment.

2 **DISTRIBUTION.** This order is distributed to branch level in the Systems Maintenance Service, Program Engineering Service, Automation Service, Advanced System Acquisition Service, NAS Transition Service, Office of System Engineering and Program Management, Air Traffic Operations Service, Air Traffic Plans and Requirements Service, Logistics Service, Flight Standards Service, Office of Airport Planning and Programming, Office of Airport Safety and Standards, Office of Management Systems, and Office of International Aviation in Washington headquarters; to branch level in the regional Airway Facilities, Logistics, Management Systems, Resource Management, and Financial and Information Resources divisions; to branch level at the FAA-Depot and FAA Academy at the Mike Monroney Aeronautical Center; to division level at the FAA Technical Center; and to all Airway Facilities Sectors, sector field offices, sector field units, and sector field office units with a standard distribution.

3 **CANCELLATION.** Order 1720.330A, Direct Distribution of Airway Facilities Technical Issuances, dated September 13, 1978, is cancelled.

4. **BACKGROUND.** Since February 1976, certain 6000 series directives have been distributed using the Facilities Master File (FMF) and other systems to obtain copy requirements and addresses of field offices having responsibility for particular facilities and equipment. This distribution method is used when copies of the directive are needed for each facility/equipment to which it applies.

**NOTE:** Manufacturer-prepared instruction books (TI Books) are not distributed in accordance with this order. See the latest version of Order 1320.337, Contractor Developed Equipment Instruction Books, for distributing equipment instruction books.

5. **EXPLANATION OF CHANGES.** This revision includes:

a. Appendix 3, Airway Facilities National Airspace System (NAS) Equipment Selection Code Sheet, which has been updated to include new facilities and class information.

b. Appendix 4, Examples of FAA Form 1100-1, Directory-Distribution Change Notice, Which shows samples of how to prepare this form.

**Distribution:** A-W(SM/PS/AP/SA/NS/SE/TO/TR/LG/FES/PT/AS/MS/IA)-33 Initiated By: ASM-12  
A-X(AE/LG/MS/RM/ET)-3; A-Y(DE/AY)-3; A-Z-2; A-FAF-0 (STD)

5/7/90

6. METHODOLOGY.a. Airway Facilities Field Distribution Using the Systems Maintenance Service Technical Distribution System.

(1) General. Distribution under this order provides for direct mailing of directives to the Airway Facilities field offices responsible for the ~~facilities/equipment~~ to which the directive pertains and to appropriate administrative levels. Distribution is accomplished by identifying facilities/equipment as they are reported in the ~~FMF~~ in status codes A, B, C, D, E, F, and G. The following data bases are used to compute copy requirements and to produce address labels for Airway Facilities field offices to which the directive applies and is to be distributed:

(a) ~~FMF~~ (maintained in accordance with the latest revision to Order 6000.5, ~~Facilities Master File~~).

(b) Sector Configuration File (maintained by ASM-12). This file identifies the ~~organizational~~ field elements subordinate to a given sector and is kept current based on data furnished by the regions on FAA Form 1100-1.

(2) Copy Requirements. There are no ~~pre-established~~ field copy requirements for any directive distributed in accordance with the ~~ASM~~ Technical Distribution System. Copy requirements are based on facilities reported in the ~~FMF~~ and are computed based on the following criteria:

(a) ~~ONE~~ copy of the directive will be provided for each reportable facility in the ~~FMF~~ to which the directive applies.

(b) ONE administrative copy will be provided for each field office below sector level responsible for that facility.

(c) ~~TWO~~ administrative copies will be provided for the sector office having the particular facility within its ~~jurisdiction~~.

(3) Distribution.

(a) Distribution to the field office is made by cost center code. Cost center codes ~~of facilities~~ listed in the ~~FMF~~ are matched with cost center codes in the Airway Facilities Field Address File to produce labels with copy counts computed and printed on the labels.

(b) When two or more field offices/units use the same cost center code, or when detached staffs/remote units have no discrete cost center code, all copies of the directive are mailed to the primary/parent cost center (field office) for redistribution to subordinate offices as appropriate.

(c) If the particular ~~facility/equipment~~ type to which the directive applies is not reported in the ~~FMF~~, then appropriate distribution will not be made. DISTRIBUTION IS ONLY AS DISCRETE AS FACILITIES LISTED IN THE ~~FMF~~.

b. Administrative Distribution of Technical Directives Distributed by the Systems Maintenance Service Technical Distribution System. Interested Washington headquarters offices, regional Airway ~~Facilities~~ divisions, Mike ~~Monroney~~ Aeronautical Center and FAA Technical Center offices, and the European regional office receive administrative copies of technical directives distributed by the Systems Maintenance Service Technical ~~Distribution System~~ as established by special **ZAF** lists. These special **ZAF** lists are established by category of ~~equipment~~ as shown in appendix 1 and DO NOT establish Airway Facilities field office requirements.

c. General Maintenance Policy and Environmental Systems Directives. For certain **6000** series policy directives and those environmental directives for which it is difficult to determine in the **FMF** the facilities to which they apply, special **ZAF** lists by order number and title have been established. Appendix 2 identifies the directive by number, title, and associated **ZAF** lists. A canvass is **conducted** to update distribution requirements for these directives in accordance with the latest revision of Order **1720.18**, **FAA Distribution System**.

d. Engine Generator Modifications. The latest revision of Order ~~6980.17~~, Standby Power Reporting System (**RIS: AF 6980.1**), establishes an engine generator inventory file. This data base is used in conjunction with the distribution of directives pertaining to engine generators. The criteria used to determine distribution requirements for engine generator directives is the contract number. The initiators of these ~~directives~~ shall check the block provided for engine generators on the last page of the distribution code sheet and enter the contract number(s) for the engine generators to which the directive applies. These contract numbers are merged with the data used for the Systems Maintenance Service Technical Distribution System to generate labels and copy counts for field offices having the particular engine generators to which the directive applies.

## 71. RESPONSIBILITIES.

### a. Originators of Technical Directives.

(1) Distribution Paragraph and Code. The distribution paragraph and code of those directives distributed in accordance with this order shall be written as shown in figure 1.

FIGURE 1a. DISTRIBUTION PARAGRAPH AND CODING

#### Distribution Paragraph Wording

This directive is distributed to selected offices and services within Washington headquarters, regional Airway Facilities divisions, FAA Technical Center, Mike ~~Monroney~~ Aeronautical Center, and Airway Facilities Field Offices having the following ~~facilities/equipment~~: (list facilities/equipment checked on the code sheet. See example on right.)

#### Example

For a directive pertaining to a **FA-8716** transmitter selector panel, the end of the distribution paragraph would read:  
and selected Airway Facilities field offices having the following facilities/equipment: **CERAP, ATCT, TRACO, FSS, IFSS, and RAPCO.**

FIGURE 2., DISTRIBUTION CODE TO USE ON BOTTOM  
OF FIRST PAGE OF DIRECTIVE

Distribution

Selected Airway Facilities field and regional offices; **ZAF-\_\_\_\_\_** (Use appropriate administrative **equipment** category Special **ZAF** List under which the checked blocks occur on the code sheet. Do not use more than one **ZAF** list.

Coding

Selected Airway Facilities field and regional offices; **ZAF-600**

(2) Appendix 3, Airway Facilities **NAS Equipment** Code Sheet. This code sheet lists the **facilities/equipment** as they appear in the **FMF**. The distribution requirements are automatically computed as a result of the facilities marked on the code sheet and in conjunction with the **equipment** population in the **FMF**. The originator of the document shall check the **box(es)** on the code sheet indicating the **facilities/equipment/fac-code/fac-ndt/class** to which the directive is required to be distributed. If a directive pertains to a complete category of **equipment**, check the category title. Write the directive number on the **first** page of the code sheet and send it with the directive when it is forwarded to the Directives Management Officer, **ASM-12**, or the editors if the directive is being prepared by the National Engineering Field Support Division., **ASM-600**, or the National Automation Engineering Field Support Division, **ASM-400**, for final approval. The code sheet **shall be placed** in the directives case file. **All** changes to maintenance technical handbooks shall be distributed in accordance with the code sheet for the basic directive. Modification directive distribution may vary depending upon the equipment being modified. Page changes to the table of contents (modification handbooks) shall be distributed to all **facilities** previously receiving any chapters of that particular modification handbook.

b! Distribution Representatives.

(1) Retrieval of Address Labels. The distribution representatives for the Systems **Maintenance** Service in ~~Washington~~ headquarters, **ASM-12**, and **ASM-400** at the FAA Technical Center and **ASM-600** at the Mike **Monroney** Aeronautical Center shall assure distribution of Systems **Maintenance** Service technical directives in accordance with this order by retrieving address labels and submitting them with the directive for distribution.

(2) Regional Capability. **The** regions have the capability of producing address labels, including copy requirements for distribution of regional directives/supplements if they have a Boeing user number. Regions interested in accessing the system may contact **ASM-12** for further details.

(3) Maintenance of Equipment Category Special **ZAF** Lists. The Airway Facilities regional distribution representatives shall update their requirements for special **ZAF** lists, as required, and send them to the Systems **Maintenance** Service distribution representative, **ASM-12**. Appropriate coordination shall be effected with the regional distribution **officer** as

required by local procedures. ~~ASM-12~~ shall maintain the appropriate **ZAF** lists required to ~~accomplish~~ this special distribution. ~~ASM-12~~ shall provide copies of initial **ZAF** list and subsequent ~~changes~~ to the Washington distribution officer, ~~AMS-410~~. Information copies shall also be provided by ~~ASM-12~~ to ~~ASM-400~~ and ~~ASM-600~~.

**c. Airway Facilities Field Offices and ~~Regional Airway~~ Facilities Divisions.**

**(1) FAA Form 1100-1, Directory\* - Distribution Change Notice.** The information on FAA Form ~~1100-1~~ is used to maintain the Airway Facilities Field 'Address File from which addresses are extracted for distribution. A sample of this form is included in appendix 4. In order to keep the file current, Airway Facilities field offices shall complete the form and forward it to their respective Airway Facilities division distribution representative. The Airway Facilities distribution representative shall ensure that the form is correct and forward the AIRWAY FACILITIES DISTRIBUTION **COPY - 2** directly to ~~ASM-12~~ to report:

(a) Changes of mailing addresses or cost center codes.

(b) Consolidation or closing of offices. 1. . . :

(c) Establishment of new offices responsible for maintenance of facilities listed in the **FMF**.

NOTE: The remaining copies shall be processed in accordance with established procedures.

**(2) Availability of Forms.** FAA Form ~~1100-1~~ is stocked at the FAA Depot and is available through normal supply channels, **NSN: 0052-00-609-5003**; unit of issue: set **(6)**.

*W. Peter Kochis*  
**W. Peter Kochis**  
 Director, Systems  
 Maintenance Service



APPENDIX 1. SPECIAL **ZAF** LISTS BY EQUIPMENT CATEGORY  
USED TO DISTRIBUTE ADMINISTRATIVE COPIES OF **6000** SERIES  
DIRECTIVES AND SAMPLE **ZAF** DISTRIBUTION LIST

<b>ZAF-600</b>	Central Operations Facilities
<b>ZAF-601</b>	UHF/VHF/Navigation Facilities
<b>ZAF-602</b>	<b>L/MF</b> Air Navigation Facilities
<b>ZAF-603</b>	Lighting Facilities
<b>ZAF-604</b>	Communications Flight Assistance and Weather Detection Facilities
<b>ZAF-605</b>	Radar Data Acquisition and Transfer Facilities
<b>ZAF-606</b>	Computer and Display Systems - General
<b>ZAF-607</b>	Housing Utilities, and Miscellaneous Support Facilities/Equipment





APPENDIX 2. ZAF LISTS FOR CERTAIN OTHER DIRECTIVES AND  
ENVIRONMENTAL DIRECTIVES NOT USING AF DIRECT DISTRIBUTION SYSTEM

<u>ORDER</u>	<u>TITLE</u>	<u>ZAF LIST NO.</u>
6000.15	General Maintenance Handbook for Airway Facilities	625
6030.45	Facility Reference Data File	685
6040.15	National Airspace Performance Reporting System ( <del>NAPRS</del> )	630
6920.2	Maintenance of Water and Sanitation Systems	646
6930.1	Fire Prevention and Maintenance of Fire Protection Equipment	650
AFP 6930.3	Plant Equipment Modification-Buildings, Structures	652
6030.25	Maintenance of Structure and Buildings	657
6940.1	Access Roads to FAA Facilities	660
6940.3	Maintenance of Roads and Grounds	662
6950.18	Maintenance of Electrical Distribution Systems	663
AFP 6950.3	Plant Structures and Ground Modification Electrical	664
6950.22	Maintenance of Electrical Power and Control Cables	665
6950.12	Elevator Maintenance and Inspection Procedures	667
6950.17	Maintenance of Electrical Systems in Buildings	668
6960.1	Sanitary Systems in FAA Facilities	671
AFP 6960.3	Plant Equipment Modifications-Mechanical	673
6970.3	Maintenance of Environmental Systems	683
AFP 6970.3	Plant Equipment Modification-Temperature Control, Ventilation	684



# AIRWAY FACILITIES NAS EQUIPMENT SELECTION CODE SHEET

## CATEGORY 0 — CENTRAL OPERATIONS FACILITIES Associated Administrative List — ZAF-600

Fac. Type	Fac. Code	Fac/mod/Class	Description
[ ] AFSS	03A		AUTOMATED FLIGHT SERVICE STATION
		A [ ] Model-I	
		B [ ] Model-2	
		A [ ] 1 to 16 operating positions	
		B [ ] 17 to 24 operating positions	
		C [ ] 25 to 32 operating positions	
		D [ ] 33 to 40 operating positions	
		E [ ] 41 to 48 operating positions	
		F [ ] 49 to 54 operating positions	
		G [ ] Class A with international	
		H [ ] Class B with international	
		J [ ] Class C with international	
		K [ ] Class D with international	
		L [ ] Class E with international	
		M [ ] Class F with international	
[ ] ARTCC	011		AIR ROUTE TRAFFIC CONTROL CENTER — solid state communication equipment
		A [ ] AUTOMATED	
[ ] ARTS	02F		AUTOMATED RADAR TERMINAL SYSTEM
		B [ ] ARTS-II	
		H [ ] ARTS-IIIA ENHANCED	
		J [ ] ARTS-IIIAM ENHANCED	
		B [ ] <del>Class F</del> TRACON (Common IFR)	
		C [ ] NO RADs	
		D [ ] With 1 to 4 RADs	
		E [ ] With 5 to 9 RADs	
		F [ ] With 10 or more RADs	
		G [ ] With 4 or less vertical DEOS	
		H [ ] With 5 to 9 vertical DEOS	
		J [ ] With 10 or more vertical DEOS	
		K [ ] With 4 or less DEOS (vertical and/or horizontal)	
		L [ ] With 5 or 9 DEOS (vertical and/or horizontal)	
		M [ ] With 10 or more DEOS (vertical and/or horizontal)	
		P [ ] Class H with dual radars	
		Q [ ] Class J with dual radars	
		R [ ] Class K with dual radars	
		S [ ] Class L with dual radars	
		T [ ] Class M with dual radars	
		U [ ] Class E with Dual Radars	
		V [ ] Class F with Dual Radars	

NOTE: Class B/G/H/I/J/K/L/M/P/Q/R/S/T applies to FAC-Mod/H.  
Class C/D/E/F applies to FAC-Mod/B/J.  
Class U/V applies to FAC-Mod J.

[ ] ARTSA	026	1 [ ]	AUTOMATED RADAR TERMINAL SYSTEM ASSEMBLY
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Fac. Type	Fac. Code	Fac/mod/Class	Description
[ ] ATCT	02A		AIR TRAFFIC CONTROL TOWER <del>Solid State</del>
		A [ ] Fixed-VFR	
		B [ ] Fixed (with radar)	
		Z [ ] Mobile	
	021		AIR TRAFFIC CONTROL TOWER — Tube or Hybrid
		Z [ ] Mobile	
		1 [ ] Fixed — VFR	
		2 [ ] Fixed (with radar)	
		A [ ] Up to 3 radio positions	
		B [ ] 4 to 6 radio positions	
		C [ ] 7 to 11 radio positions	
		D [ ] 12 to 16 radio positions	
		E [ ] 17 to 21 radio positions	
		F [ ] 22 to 30 radio positions	
		G [ ] 31 and above radio positions	
		H [ ] ATCT with GSSS	
[ ] CERAP	014	0 [ ]	COMBINED CENTER/RAPCON (Radar Approach Control)
[ ] EARTS	01F	A [ ]	EN ROUTE AUTOMATED RADAR TRACKING SYSTEM
		A [ ] Honolulu	
		C [ ] San Juan	
		D [ ] Anchorage (Dual EARTS systems)	
[ ] FSS	03G	A [ ]	FLIGHT SERVICE STATION <del>Solid State</del> modular console EQ
	037	1 [ ]	FLIGHT SERVICE STATION — Tube or Hybrid Conventional Console EQ
		A [ ] up to 3 radio positions or channels	
		B [ ] 4 to 6 radio positions or channels	
		C [ ] 7 to 11 radio positions or channels	
		D [ ] 12 to 16 radio positions or channels	
		E [ ] 17 to 21 radio positions or channels	
		F [ ] 22 to 30 radio positions or channels	
		G [ ] 31 and above radio positions or channels	
		H [ ] Class A with international	
		J [ ] Class B with international	
		K [ ] Class C with international	
		L [ ] Class D with international	
		M [ ] Class E with international	
		N [ ] Class F with international	
		P [ ] Class G with international	
		X [ ] FSS with GSSS	
[ ] MAPS	03B	A [ ]	METEOROLOGY AERONAUTICAL PRESENTATION SYSTEM — Prototype
[ ] OARTS	01G	A [ ]	OCEANIC AIR ROUTE TRACKING SYSTEM
[ ] ODAPS	01J	A [ ]	OCEANIC DISPLAY AND PLANNING SYSTEM

Fac. Type	Fac. Code	Fac/mod/Class	Description
[ ] RAPCD	041		RADAR APPROACH CONTROL
		Z [ ] Mobile (includes radar)	
		0 [ ] With Radar	
		1 [ ] Fixed (does not include radar)	
[ ] RBOPE	02G		RADAR BEACON DP EQUIPMENT
		A [ ] TPX-42	
		C [ ] No displays	
		0 [ ] 4 or less displays	
		E [ ] 5 or 6 displays	
		F [ ] 10 or more displays	
[ ] RTCCS	02H	A [ ]	REMOTE TOWER COMMUNICATION CONTROL SYSTEM
[ ] SSC	01J	B [ ]	SYSTEMS COMMAND CENTER
[ ] TMCC	01C	B [ ]	TRAFFIC MANAGEMENT COMPUTER COMPLEX
		A [ ] Phase I	
		B [ ] Phase II	
[ ] TRACD	02B	A [ ]	TERMINAL RADAR APPROACH CONTROL <del>Solid State</del>
	023	0 [ ]	TERMINAL RADAR APPROACH CONTROL — Tube or Hybrid

# AIRWAY FACILITIES NAS EQUIPMENT SELECTION CODE SHEET

## CATEGORY 1 – UHF/VHF NAVIGATION FACILITIES

Associated Administrative List – ZAF-601

Fac. Type	Fac. Code	Fac-mod/Class	Description
[1] DME	12E		DISTANCE MEASURING EQUIPMENT — Solid State
A	[ ]	-Butler 0220	
B	[ ]	-Wilcox 596	
C	[ ]	-Candion 8974	
D	[ ]	-Candion 8690	
E	[ ]	-Candion 8783	
F	[ ]	-2nd Generation 89906	
G	[ ]	- Other Type	
A	[ ]	Single equipment, not collocated	
B	[ ]	Dual equipment, not collocated	
C	[ ]	Single equipment, collocated with GS	
D	[ ]	Dual equipment, collocated with GS	
E	[ ]	Single equipment, collocated with LOC	
F	[ ]	Dual equipment, collocated with LOC	
G	[ ]	Single equipment, collocated with VOR	
H	[ ]	Dual equipment, collocated with VOR	
J	[ ]	Single equipment, collocated with H or HH	
K	[ ]	Dual equipment, collocated with H or HH	
L	[ ]	Class A with RMM	
M	[ ]	Class B with RMM	
N	[ ]	Class C with RMM	
P	[ ]	Class D with RMM	
Q	[ ]	Class E with RMM	
R	[ ]	Class F with RMM	
S	[ ]	Class G with RMM	
T	[ ]	Class H with RMM	
U	[ ]	Class K with RMM	
V	[ ]	Class L with RMM	
[ ] DME	124	0 [ ]	DISTANCE MEASURING EQUIPMENT Tube or Hybrid
3	[ ]	[ ]	DME collocated with VOR
G	[ ]	[ ]	Single equipment, collocated with VOR
H	[ ]	[ ]	Dual equipment, collocated with VOR
S	[ ]	[ ]	Class G with RMM
T	[ ]	[ ]	Class H with RMM
NOTE: Directives for DME Class G/H/I/J/K/S/T/U/V should also be distributed to FSS and AFSS locations.			
[1] DME	12C		DISTANCE MEASURING EQUIPMENT REMAINING
B	[ ]	[ ]	DME Portion of TACR (DME ONLY)
C	[ ]	[ ]	Second generation with RMM
[1] FM	15A	A [ ]	FAN MARKER — Solid State
[1] FM	15H	1 [ ]	FAN MAKER Tube or Hybrid
A	[ ]	[ ]	Single
B	[ ]	[ ]	Dual

Fac. Type	Fac. Code	Fac-mod/Class	Description
[1] GS	14A		GUIDE SLOPE — Solid State
14AD	[ ]	[ ]	MARK 1A (NULL REFERENCE)
14AE	[ ]	[ ]	MARK 1A (CAPTURE EFFECT)
14AF	[ ]	[ ]	MARK 1A (SIDE BAND REFERENCE)
14AG	[ ]	[ ]	MARK 1B (NULL REFERENCE)
14AH	[ ]	[ ]	MARK 1B (CAPTURE EFFECT)
14AJ	[ ]	[ ]	MARK 1B (SIDE BAND REFERENCE)
14AK	[ ]	[ ]	MARK 1C (NULL REFERENCE)
14AL	[ ]	[ ]	MARK 1C (CAPTURE EFFECT)
14AM	[ ]	[ ]	MARK 1C (SIDE BAND REFERENCE)
14AN	[ ]	[ ]	MARK 1D (NULL REFERENCE)
14AO	[ ]	[ ]	MARK 1D (CAPTURE EFFECT)
14AP	[ ]	[ ]	MARK 1D (SIDE BAND REFERENCE)
14AQ	[ ]	[ ]	MARK 1E (NULL REFERENCE)
14AR	[ ]	[ ]	MARK 1E (CAPTURE EFFECT)
14AT	[ ]	[ ]	MARK 1E (SIDE BAND REFERENCE)
14AU	[ ]	[ ]	MARK 1F (NULL REFERENCE)
14AV	[ ]	[ ]	MARK 1F (CAPTURE EFFECT)
14AW	[ ]	[ ]	MARK 1F (SIDE BAND REFERENCE)
14AX	[ ]	[ ]	OTHER – PROTOTYPE, DEVELOPMENTAL
14AY	[ ]	[ ]	STEE TEST VAN (REGION – CONSTRUCTED)
14AZ	[ ]	[ ]	MOBILE
14FA	[ ]	[ ]	MARK 1D (END FIRE)
14FB	[ ]	[ ]	MARK 1E (END FIRE)
14FC	[ ]	[ ]	MARK 1F (END FIRE)
14FD	[ ]	[ ]	MARK 1B MONITORS WITH MARK 1F TRANSMITTERS SIDE BAND REFERENCE
14FE	[ ]	[ ]	MARK 1B MONITORS WITH MARK 1F TRANSMITTERS (NULL REFERENCE)
14FF	[ ]	[ ]	MISC – NOT OTHERWISE LISTED SUCH AS: AIL TYPE 55, MARK 12, AND ETC. (NULL REFERENCE)
14FG	[ ]	[ ]	MISC – NOT OTHERWISE LISTED SUCH AS: AIL TYPE 55, MARK 12, AND ETC. (CAPTURE EFFECT)
14FH	[ ]	[ ]	MISC – NOT OTHERWISE LISTED SUCH AS: AIL TYPE 55, MARK 12, AND ETC. (SIDE BAND REFERENCE)
14FM	[ ]	[ ]	(NULL REFERENCE)
14FN	[ ]	[ ]	TI (CAPTURE EFFECT)
14FO	[ ]	[ ]	TI (SIDE BAND REFERENCE)
14FP	[ ]	[ ]	TI (END-FIRE)
14FR	[ ]	[ ]	AIL-55 MONITORS WITH MARK 1F TRANSMITTERS (NULL REFERENCE)
14FS	[ ]	[ ]	AIL-55 MONITORS WITH MARK 1F TRANSMITTERS (CAPTURE EFFECT)
14FT	[ ]	[ ]	AIL-55 MONITORS WITH MARK 1F TRANSMITTER (SIDE BAND REFERENCE)
14FU	[ ]	[ ]	AIL-55 MONITORS WITH MARK 1F TRANSMITTERS (OTHER)
14FV	[ ]	[ ]	MARK 1B MONITORS WITH MARK 1F TRANSMITTERS (OTHER)
14FW	[ ]	[ ]	MARK 1B MONITORS WITH MARK 1F TRANSMITTERS (CAPTURE EFFECT)
14FX	[ ]	[ ]	TI (OTHER)
14GA	[ ]	[ ]	WILCOX (SPECIAL SYSTEM FOR CAT I, II, OR III) (CAPTURE EFFECT)
14GB	[ ]	[ ]	WILCOX (SPECIAL SYSTEM FOR CAT I, II, OR III) (NULL REFERENCE)
14GC	[ ]	[ ]	WILCOX (SPECIAL SYSTEM FOR CAT I, II, OR III) (SIDE BAND REFERENCE)
14GD	[ ]	[ ]	WILCOX (SPECIAL SYSTEM FOR CAT I, II, OR III) (END-FIRE)
14GE	[ ]	[ ]	WILCOX (SPECIAL SYSTEM FOR CAT I, II, OR III) (OTHER)

Fac. Type	Fac. Code	Fac-mod/Class	Description
A	[ ]	[ ]	Single equipment, Category I facility
B	[ ]	[ ]	Dual equipment, Category I facility
C	[ ]	[ ]	Class A with RMM
D	[ ]	[ ]	Class B with RMM
E	[ ]	[ ]	Category II Facility
F	[ ]	[ ]	Category III Facility
G	[ ]	[ ]	Class E with RMM
H	[ ]	[ ]	Class F with RMM
[1] GS	14H		GUIDE SLOPE — Tube or Hybrid
B	[ ]	[ ]	TUS Transmitter (NULL REFERENCE)
C	[ ]	[ ]	TUS TRANSMITTER (CAPTURE EFFECT)
E	[ ]	[ ]	TU2 TRANSMITTER (NULL REFERENCE)
K	[ ]	[ ]	TU2 TRANSMITTER (SIDE BAND REFERENCE)
A	[ ]	[ ]	Single equipment, Category I facility
B	[ ]	[ ]	Dual equipment, Category I facility
[1] IM	15B		INNER MAKER
A	[ ]	[ ]	FA-8032
B	[ ]	[ ]	FA-8102
C	[ ]	[ ]	FA-8660
D	[ ]	[ ]	FA-8832
E	[ ]	[ ]	FA-9932
F	[ ]	[ ]	FA-9728
G	[ ]	[ ]	GRN-28
L	[ ]	[ ]	FA-9382
X	[ ]	[ ]	OTHER
A	[ ]	[ ]	Category II or III (in building)
B	[ ]	[ ]	Category II or III (on pole)
C	[ ]	[ ]	Class A with RMM
D	[ ]	[ ]	Class B with RMM
[ ] IMLSA	19A	A [ ]	INTERIM MICROWAVE LANDING SYSTEM AZIMUTH
[ ] IMLSB	19B	A [ ]	INTERIM MICROWAVE LANDING SYSTEM ELEVATION

# AIRWAY FACILITIES NAS EQUIPMENT SELECTION CODE SHEET

## CATEGORY 1 -- UHF/VHF NAVIGATION FACILITIES (Continued)

<u>Fac. Type</u>	<u>Fac. Code</u>	<u>Fac. modl/Class</u>	<u>Description</u>
[ ] LOC	14C	LOCALIZER — Solid State	
		14CA [ ] MISC	NOT OTHERWISE LISTED SUCH AS: AIL 55, MARK 12, AND ETC. (V-RING ANTENNA)
		14CB [ ] MISC	NOT OTHERWISE LISTED SUCH AS: AIL 55, MARK 12, AND ETC. (WAVEGUIDE)
		14CC [ ] MISC	NOT OTHERWISE LISTED SUCH AS: AIL 55, MARK 12, AND ETC. (TRAVELING WAVE)
		14CD [ ] MISC	NOT OTHERWISE LISTED SUCH AS: AIL 55, MARK 12, AND ETC. (OTHER ANTENNA TYPE)
		14CE	MARK 1A V-RING ANTENNA
		14CF	MARK 1B V-RING ANTENNA
		14CG	MARK 1C V-RING ANTENNA
		14CH	MARK 1D V-RING ANTENNA
		14CI	MARK 1E V-RING ANTENNA
		14CJ	MARK 1F V-RING ANTENNA
		14CK	MARK 1A TRAVELING WAVE
		14CL	MARK 1B TRAVELING WAVE
		14CM	MARK 1C TRAVELING WAVE
		14CN	MARK 1D TRAVELING WAVE
		14CO	MARK 1E TRAVELING WAVE
		14CP	MARK 1F TRAVELING WAVE
		14CQ	MARK 1D WITH LOG PERIODIC ANTENNA
		14CR	MARK 1E WITH LOG PERIODIC ANTENNA
		14CS	MARK 1F WITH LOG PERIODIC ANTENNA
		14CT	MARK 1A OTHER TYPE ANTENNA
		14CV	MARK 1C WITH LOG PERIODIC ANTENNA
		14CX	OTHER — PROTOTYPE
		14CY	SITE TEST VAN (REGION — CONSTRUCTED)
		14CZ	MOBILE
		14EA	TI (J-RING ANTENNA)
		14EB	TI (TRAVELING WAVE ANTENNA)
		14EC	TI (LOG PERIODIC ANTENNA)
		14ED	TI (OTHER TYPE ANTENNA)
		14EE	AIL 55 MONITORS WITH MARK 1F TRANSMITTERS (V-RING ANTENNA)
		14EF	AIL 55 MONITORS WITH MARK 1F TRANSMITTERS (TRAVELING WAVE ANTENNA)
		14EG	AIL 55 MONITORS WITH MARK 1F TRANSMITTERS (OTHER TYPE ANTENNA)
		14EH	MARK 1B MONITORS WITH MARK 1F TRANSMITTERS (V-RING ANTENNA)
		14EJ	MARK 1B MONITORS WITH MARK 1F TRANSMITTERS (TRAVELING WAVE ANTENNA)
		14EK	MARK 1B MONITORS WITH MARK 1F TRANSMITTERS (OTHER TYPE ANTENNA)
		14EL	WILCOX (SPECIAL SYSTEM FOR CAT I, II OR III) (V-RING ANTENNA)
		14EM	WILCOX (SPECIAL SYSTEM FOR CAT I, II OR III) (TRAVELING WAVE ANTENNA)
		14EN	WILCOX (SPECIAL SYSTEM FOR CAT I, II OR III) (LOG-PERIODIC ANTENNA)
		14EP	WILCOX (SPECIAL SYSTEM FOR CAT I, II OR III) (OTHER TYPE ANTENNA)
		A	Single equipment, Category I facility
		B	Dual equipment, Category I facility
		C	Class A with RMM
		D	Class B with RMM
		E	Category II facility
		F	Category III facility
		G	Class E with RMM
		H	Class F with RMM

<u>Fac. Type</u>	<u>Fac. Code</u>	<u>Fac. modl/Class</u>	<u>Description</u>
[ ] LOC	14Z	LOCALIZER — Tube or Hybrid	
		14ZA [ ] TUR	TRANSITTER (V-RING)
		14ZB [ ] TUR	TRANSITTER (TRAVELING WAVE)
		14ZC [ ] TUR	TRANSITTER (B-LOOP)
		14ZD [ ] OTHER	PROTOTYPE, DEVELOPMENTAL
		A	Single
		B	Dual
[ ] LRNCM	126	A [ ]	LONG RANGE NAVIGATION C MONITOR
[ ] MLSA	18A		MICROWAVE LANDING SYSTEM — <u>AZIMUTH</u>
		A [ ]	MSLA (With a 1 Degree Beam Width Antenna Assembly)
		B [ ]	MSLA (With a 2 Degree Beam Width Antenna Assembly)
[ ] MLSB	18D	A [ ]	MICROWAVE LANDING SYSTEM — <u>BACK AZIMUTH</u>
[ ] MSLE	18E	A [ ]	MICROWAVE LANDING SYSTEM — <u>PRECISION</u>
			DISTANCE MEASURING EQUIPMENT
[ ] MLSE	18B		MICROWAVE LANDING SYSTEM — <u>ELEVATION</u>
		A [ ]	MLSE (With a 1 Degree Beam Width Antenna Assembly)
		B [ ]	MLSE (With a 1.5 Degree Beam Width Antenna Assembly)
[ ] MLSF	18C	A [ ]	MICROWAVE LANDING SYSTEM — <u>FLARE</u>
[ ] MM	15C		MIDDLE MARKER — Solid State
		A	FA-8032
		B	FA-8102
		C	FA-8660
		D	FA-8832
		E	FA-9932
		F	FA-9728
		G	GRN-28
		L	FA-9382
		X	OTHER
		A	In building, Category I
		C	Pole-mounted, Category I
		D	CAT II or III facility (in building)
		E	CAT II or III facility (pole-mounted)
		F	Class A with RMM
		G	Class C with RMM
		H	Class D with RMM
		J	Class E with RMM
[ ] MM	15C		MIDDLE MARKER — Tube or Hybrid
		8 [ ]	CIVIL — Other Transmitter
		A [ ]	In building, Category I

<u>Fac. Type</u>	<u>Fac. Code</u>	<u>Fac. modl/Class</u>	<u>Description</u>
[ ] OM	15D		OUTER MARKER — Solid State
		A	FA-8032
		B	FA-8102
		C	FA-8660
		D	FA-8832
		E	FA-9932
		F	FA-9728
		G	GRN-28
		L	FA-9382
		X	OTHER
		A	In building, Category I
		C	Pole-mounted, Category I
		D	Category II or III facility (equipment in building)
		E	Category II or III facility (pole-mounted equipment)
		F	Class A with RMM
		G	Class C with RMM
		H	Class D with RMM
		J	Class E with RMM
[ ] OM	15A		OUTER MARKER — Tube or Hybrid
		8 [ ]	CIVIL — Other Transmitter
		A [ ]	In building, Category I
[ ] RMCC	11R	M [ ]	REMOTE MAINTENANCE CONTROL CENTER
[ ] RMCF	11B	A [ ]	REMOTE MONITOR CONTROL FACILITY for 2nd Generation VOR/VORTAC
NOTE: Directives for RMCF should also be distributed to VOR locations.			
[ ] TACAN	12A		TACTICAL AIR NAVIGATION
		5 [ ]	AN/GRN-49 MX-1627/URN-3
		A [ ]	With single transponder
		B [ ]	With dual transponder

# AIRWAY FACILITIES NAS EQUIPMENT SELECTION CODE SHEET

## CATEGORY 1 – UHF/VHF NAVIGATION FACILITIES (Continued)

<u>Fac. Type</u>	<u>Fac. Code</u>	<u>Fac. Model/Class</u>	<u>Description</u>
<input type="checkbox"/> TACR	12B		TACTICAL AIR NAVIGATION
		B <input type="checkbox"/>	TACAN AT VOR – 2ND GENERATION
		C <input type="checkbox"/>	2nd Generation with RMM
NOTE: Directives for TACR should also be distributed to FSS and AFSS locations.			
<input type="checkbox"/> VOR	11A		VHF OMNIDIRECTIONAL RANGE – Solid State
		A <input type="checkbox"/>	CIVIL
		B <input type="checkbox"/>	MILITARY
		E <input type="checkbox"/>	2ND GENERATION CIVIL
		F <input type="checkbox"/>	2ND GENERATION DOPPLER
		Y <input type="checkbox"/>	SITE TEST VAN (Region Constructed)
		A <input type="checkbox"/>	Single equipment
		B <input type="checkbox"/>	Dual equipment
		D <input type="checkbox"/>	Dual Doppler
		E <input type="checkbox"/>	2nd Generation
		F <input type="checkbox"/>	2nd Generation Doppler
<input type="checkbox"/> VOR	11H		VHF OMNIDIRECTIONAL RANGE Tube or Hybrid
		Y <input type="checkbox"/>	SITE TEST VAN (Region Constructed)
		A <input type="checkbox"/>	Single equipment
		B <input type="checkbox"/>	Dual equipment
NOTE: Directives for VOR should also be distributed to FSS and AFSS locations.			
<input type="checkbox"/> VOT	11J	A <input type="checkbox"/>	VHF OMNIDIRECTIONAL RANGE TEST FACILITY Solid State
	11B	1 <input type="checkbox"/>	VHF OMNIDIRECTIONAL RANGE TEST FACILITY Tube or Hybrid

AIRWAY FACILITIES NAS EQUIPMENT SELECTION CODE SHEET

CATEGORY 2 – L/MF AIR NAVIGATION FACILITIES  
Administrative ZAF List – ZAF-602

Fac. Type	Fac. Code	Fac-mod/Class	Description
[ ]	H	22A	HOMING RADIO BEACON, Non-Directional (includes MH) less than 2KW -- without Z Marker A [ ] Solid State 1 [ ] Tube or hybrid A [ ] Standard facility B [ ] Class A with RMM
NOTE: Directives for H should also be distributed to FSS and AFSS locations.			
[ ]	HH	22B	HOMING RADIO BEACON, Non-Directional -- HIGH POWER -- 2KW or more A [ ] - Solid State 1 [ ] - Tube or hybrid A [ ] Standard facility B [ ] Class A with RMM
NOTE: Directives for HH should also be distributed to FSS and AFSS locations.			
[ ]	LMM	22C	COMPASS LOCATOR AT MIDDLE MARKER A [ ] Civil B [ ] Military A [ ] Standard facility B [ ] Class A with RMM
[ ]	LOM	22D	COMPASS LOCATOR AT OUTER MARKER -- Solid State A [ ] Civil B [ ] Military
		224	COMPASS LOCATOR AT OUTER MARKER Tube or Hybrid 1 [ ] civil 2 [ ] Military A [ ] Less than 50 watts rated output power B [ ] 50-300 watts rated output power C [ ] Above 300 watts rated output power D [ ] Class A with RMM E [ ] Class B with RMM F [ ] Class C with RMM
NOTE: Directives for LOM should also be distributed to FSS and AFSS locations.			

Fac. Type	Fac. Code	Fac-mod/Class	Description
[ ]	NDB	22G	NON DIRECTIONAL BEACON A [ ] Solid State B [ ] Tube or hybrid A [ ] Up to 2,000 watts rated output power B [ ] Class A with RMM C [ ] 2,001 and above watts rated output power D [ ] Class C with RMM
NOTE: Directives for NDB should also be distributed to FSS and AFSS locations.			

# AIRWAY FACILITIES NAS EQUIPMENT SELECTION CODE SHEET

## CATEGORY 3—LIGHTING FACILITIES Associated Administrative List—ZAF-603

<u>Fac. Type</u>	<u>Fac. Code</u>	<u>Fac-mod/Class</u>	<u>Description</u>
[J] ALS	317		HIGH INTENSITY APPROACH LIGHT SYSTEM <u>With Sequence Flashers</u>
A [J]			General Electric Substation
B [J]			Westinghouse Substation
C [J]			Hevi-Duty Substation
D [J]			Hollingsworth Substation
E [J]			Godfrey Substation
G [J]			Airflow Substation
X [J]			Other
A [J]		ALS-1 (24000 feet)	
B [J]		ALS-1 (3000 feet)	
C [J]		ALS-2 (2400 feet)	
D [J]		ALS-2 (3000 feet)	
E [J]		ALS-II (Dual mode, high intensity approach lighting system)	
F [J]		Class A with G/G radio control	
G [J]		Class B with G/G radio control	
H [J]		Class C with G/G radio control	
J [J]		Class A on CAT-II or CAT-III Runway	
K [J]		Class D with G/G radio control	
L [J]		Class E with G/G radio control	
M [J]		Class A with A/G radio control	
N [J]		Class B with A/G radio control	
O [J]		Class C with A/G radio control	
P [J]		Class B on CAT-II or CAT-III Runway	
Q [J]		Class D with A/G radio control	
R [J]		Class A with A/G and G/G radio control	
S [J]		Class C with A/G and G/G radio control	
T [J]		Class D with A/G and G/G radio control	
U [J]		Class C on CAT-II or CAT-III Runway	
V [J]		Class D on CAT-II or CAT-III Runway	
W [J]		Class E on CAT-II or CAT-III Runway	
X [J]		Class F on CAT-II or CAT-III Runway	
Y [J]		Class G on CAT-II or CAT-III Runway	
Z [J]		Class H on CAT-II or CAT-III Runway	
1 [J]		Class J on CAT-II or CAT-III Runway	
2 [J]		Class K on CAT-II or CAT-III Runway	
3 [J]		Class L on CAT-II or CAT-III Runway	
4 [J]		Class M on CAT-II or CAT-III Runway	
5 [J]		Class N on CAT-II or CAT-III Runway	
6 [J]		Class P on CAT-II or CAT-III Runway	
7 [J]		Class Q on CAT-II or CAT-III Runway	
8 [J]		Class R on CAT-II or CAT-III Runway	
9 [J]		Class S on CAT-II or CAT-III Runway	
0 [J]		Class T on CAT-II or CAT-III Runway	

NOTE: Class E, K and W should be used ONLY with FAC-Code 317E, 317F and 317G.

[J] ARBCN	351	AIRWAY BEACON
1 [J]		All rotating
A [J]		Type A
5 [J]		All flashing
E [J]		Type E

<u>Fac. Type</u>	<u>Fac. Code</u>	<u>Fac-mod/Class</u>	<u>Description</u>
[J] GDL	315	0 [J]	GUIDANCE LIGHT FACILITY
		A [J]	1 to 9 lights
		B [J]	10 or more lights
[J] LDIN	314	0 [J]	LEAD-IN LIGHT
		A [J]	Standard facility (with <u>landline</u> control)
		B [J]	Class A with A/G radio control
		C [J]	Class A with G/G radio control
		D [J]	Class A with combination A/G and G/G radio control
[J] MALS	323		MEDIUM INTENSITY APPROACH LIGHTING SYSTEM <u>without sequence flashers</u>
		A [J]	Multi Electric
		B [J]	GTE-Sylvania
		C [J]	SEPCO-Crouse-Hinds
		D [J]	Hevi-Duty
		E [J]	Other
		A [J]	Without sequence flasher, manual control
		C [J]	Class A with A/G remote radio control
		E [J]	Class A with G/G remote radio control
		G [J]	Class A with A/G and G/G remote radio control
[J] MALS	324		MEDIUM INTENSITY APPROACH LIGHTING SYSTEM <u>with sequence flashers</u>
		A [J]	Multi Electric
		B [J]	GTE-Sylvania
		C [J]	SEPCO-Crouse-Hinds
		D [J]	Hevi-Duty
		E [J]	Other
		B [J]	With sequence flashing lights added to 1000, 1200, 1400 ft. bars, manual control (MALSFI)
		D [J]	Class B with A/G remote radio control
		F [J]	Class B with G/G remote radio control
		H [J]	Class B with A/G and G/G remote radio control
[J] MALSR	326		MEDIUM-INTENSITY ALS (MALS) <u>With Runway Alignment Indicator Lights (RAIL)</u>
		A [J]	Multi Electric
		B [J]	GTE-Sylvania
		C [J]	SEPCO-Crouse-Hinds
		D [J]	Hevi-Duty
		E [J]	AVW Electronics
		F [J]	ADB — ALNACO
		X [J]	Other
		A [J]	Controlled by landlines
		B [J]	Class A with A/G control
		C [J]	Class A with G/G control
		D [J]	Class A with A/G and G/G radio control
		F [J]	Class A with threshold bar
		G [J]	Class B with threshold bar
		H [J]	Class C with threshold bar
		J [J]	Class D with threshold bar

<u>Fac. Type</u>	<u>Fac. Code</u>	<u>Fac-mod/Class</u>	<u>Description</u>
[J] ODALS	318	1 [J]	OMNIDIRECTIONAL AIRPORT LIGHTING SYSTEM
		A [J]	Standard facility landlines control
		B [J]	Class A with A/G Radio Control
		C [J]	Class A with G/G Radio Control
		D [J]	Class A with a combination of A/G and G/G radio control
[J] PAPI	319	1 [J]	PRECISION APPROACH PATH INDICATOR
[J] REIL	313		RUNWAY END IDENTIFICATION LIGHTS
		A [J]	Sylvania
		B [J]	Godfrey
		C [J]	ABD-ALNACO
		D [J]	Other
		A [J]	Standard facility (unidirectional)
		B [J]	Class A with <u>landline</u> control
		C [J]	Class A with runway edge light control
		D [J]	Class A with A/G radio control
		E [J]	Class A with G/G radio control
		F [J]	Class A with combination A/G and G/G radio control
		G [J]	Standard facility (omnidirectional)
		H [J]	Class G with runway edge light control
		J [J]	Class G with A/G radio control
		K [J]	Class G with G/G radio control
		L [J]	Class G with combination A/G and G/G radio control
[J] SALS	321	1 [J]	SHORTENED APPROACH LIGHT SYSTEM
		A [J]	Standard facility (without sequence flashers)
		B [J]	Class A with sequence flashers
		C [J]	Class A with A/G radio control
		D [J]	Class A with G/G radio control
		E [J]	Class A with a combination of A/G and G/G radio control
		F [J]	Class B with A/G radio control
		G [J]	Class B with G/G radio control
		H [J]	Class B with a combination of A/G and G/G radio control
[J] SSALR	328		SIMPLIFIED SHORT APPROACH LIGHTING SYSTEM <u>With Runway Alignment Indicator Lights (RAIL)</u>
		A [J]	General Electric
		B [J]	Westinghouse
		C [J]	Hevi-Duty
		D [J]	Hollingsworth
		E [J]	Godfrey
		F [J]	Other
		A [J]	Standard facility (landline controlled)
		B [J]	Class A with A/G radio control
		C [J]	Class A with G/G radio control
		D [J]	Class A with a combination of A/G and G/G radio control



# AIRWAY FACILITIES NAS EQUIPMENT SELECTION CODE SHEET

## CATEGORY 3 — LIGHTING FACILITIES (Continued)

<u>Fac. Type</u>	<u>Fac. Code</u>	<u>Fac. modif/Description</u>
II	SSALS 327	SIMPLIFIED SHORT APPROACH LIGHTING SYSTEM
		A General Electric B Westinghouse C Hewi-Duty D Hollingsworth E Godfrey F Other  A Standard facility (landline control) B Class A with A/G radio control C Class A with G/G radio control D Class A with A/G and G/G radio control
I	VASI 31A	VISUAL APPROACH SLOPE INDICATOR — Automatic Control
		A Sylvania Substation B SEPCO Substation C Western Tech Substation D DISAN Substation E HEVI-DUTY Substation F MECHTRON Substation G ADB-ALNACO Substation H HUEY-PHILLIPS Substation I Other J CROUSE-HINES Substation  A 2 box, 2 bar system B 4 box, 2 bar system C 12 box, 2 bar system D 8 box, 3 bar system E 16 box, 3 bar system F Class A with A/G radio control G Class B with A/G radio control H Class C with A/G radio control J Class D with A/G radio control K Class E with A/G radio control L Class A with G/G radio control M Class B with G/G radio control N Class C with G/G radio control P Class D with G/G radio control Q Class E with G/G radio control R Class A with combination A/G and G/G radio control S Class B with combination A/G and G/G radio control T Class C with combination A/G and G/G radio control U Class D with combination A/G and G/G radio control V Class E with combination A/G and G/G radio control

<u>Fac. Type</u>	<u>Fac. Code</u>	<u>Fac. modif/Class</u>	<u>Description</u>
II	VASI 316		VISUAL APPROACH SLOPE INDICATOR Manual Control
			1 SYLVANIA Substation 2 SEPCO Substation 3 Western Tech Substation 4 DISAN Substation 5 HEVI-DUTY Substation 6 MECHTRON Substation 7 8 HUEY-PHILLIPS Substation 9 Other Type Substation A CROUSE-HINES Substation  A 2 box, 2 bar system B 4 box, 2 bar system C 12 box, 2 bar system D 8 box, 3 bar system E 16 box, 3 bar system F Class A with A/G radio control G Class B with A/G radio control H Class C with A/G radio control J Class D with A/G radio control K Class E with A/G radio control L Class A with G/G radio control M Class B with G/G radio control N Class C with G/G radio control P Class D with G/G radio control Q Class E with G/G radio control R Class A with combination A/G and G/G radio control S Class B with combination A/G and G/G radio control T Class C with combination A/G and G/G radio control U Class D with combination A/G and G/G radio control V Class E with combination A/G and G/G radio control

# AIRWAY FACILITIES NAS EQUIPMENT SELECTION CODE SHEET

## CATEGORY 4 — COMMUNICATIONS FLIGHT ASSISTANCE AND WEATHER DETECTION FACILITIES

Associated Administrative list — ZAF-604

Fac. Type	Fac. Code	Fac-mod/ Class	Description
[ ] ADAS	47D	B [ ]	AWOS DATA ACQUISITION SYSTEM
[ ] AID	46I	0 [ ]	AIRPORT INFORMATION DESK
[ ] AMSMA	47J	0 [ ]	AVIATION METEOROLOGICAL SYSTEMS AND MISCELLANEOUS AIDS
[ ] ASI	47H		ALTIMETER SETTING INDICATORS
		A [ ]	ANEROID
		B [ ]	DIGITAL
		A [ ]	Aneroid indicators only
		B [ ]	Digital indicators or combination of digital and aneroid (Remote locations only not having the DASI system equipment)
		C [ ]	DASI System with digital or combination of digital and aneroid indicators
NOTE: Class A applies to FAC-Mod/1 A ONLY. Class B/C applies to FAC-Mod/1 B ONLY.			
[ ] ATIS	46A		AUTOMATIC TERMINAL INFORMATION SERVICE
		A [ ]	TRC-889
		B [ ]	COMMEX-1000
		C [ ]	FA-1046 SINGLE CHANNEL DIGITAL RECORDER
		X [ ]	OTHER
[ ] AWANS	46G	A [ ]	AVIATION WEATHER + NOTAM SYSTEM
[ ] AWIS	43K	A [ ]	AIRPORT WEATHER AND INFORMATION SYSTEM
[ ] AWOS	47D	A [ ]	AUTOMATED WEATHER OBSERVATION CENTER
		A [ ]	Standard facility
		B [ ]	Class A with CH
[ ] BDIS	43G	B [ ]	AUTOMATED DATA INTERCHANGE SYSTEM SERVICE
[ ] BUEC	41B	A [ ]	BACKUP EMERGENCY COMMUNICATIONS
		A [ ]	1-3 Transceivers
		B [ ]	4-6 Transceivers
		C [ ]	7-9 Transceivers
		D [ ]	10-12 Transceivers
		E [ ]	Class A with BUEC Processor
		F [ ]	Class B with BUEC Processor
		G [ ]	Class C with BUEC Processor
		H [ ]	Class D with BUEC Processor
NOTE: Directives for BUEC should also be distributed to ARTCC and EARTS Locations.			
[ ] CHI	475	1 [ ]	CLOUD HEIGHT INDICATOR
		A [ ]	Standard facility
		B [ ]	Laser

Fac. Type	Fac. Code	Fac-mod/ Class	Description
[ ] CMLR	45F		COMMUNICATION MICROWAVE LINK REPEATER — Solid State
		A [ ]	RML-6
		X [ ]	OTHER — PROTOTYPE, DEVELOPMENTAL
[ ] CMLR	45G		COMMUNICATIONS MICROWAVE LINK REPEATER — Tube or Hybrid
		Z [ ]	MOBILE
		1 [ ]	RML-1
		2 [ ]	RML-2
		3 [ ]	RML-3
		4 [ ]	RML-4
		6 [ ]	RML-1A
		7 [ ]	FRQ-11
		A [ ]	Standard facility
		B [ ]	With VDM and up to two supergroups
		C [ ]	With VDM and three or more supergroups
		D [ ]	Special class for Oakland
		E [ ]	Special class for Boron system
[ ] CMLT	45E		COMMUNICATION MICROWAVE LINK TERMINAL — Solid State
		A [ ]	RML-6
		X [ ]	OTHER — PROTOTYPE, DEVELOPMENTAL
[ ] CMLT	455		COMMUNICATIONS MICROWAVE LINK TERMINAL — Tube or Hybrid
		Z [ ]	MOBILE
		1 [ ]	RML-11
		2 [ ]	RML-22
		3 [ ]	RML-33
		4 [ ]	RML-44
		6 [ ]	RML-11A
		7 [ ]	FRQ-11
		A [ ]	Standard facility
		B [ ]	With VDM and up to two supergroups
		C [ ]	With VDM and three or more supergroups
		D [ ]	Special class for Oakland
		E [ ]	Special class for Boron system
[ ] CNS	434	0 [ ]	CONSOLIDATED NOTAM SERVICE
[ ] COMCD	439	0 [ ]	COMMAND COMMUNICATIONS OUTLET
[ ] CTS	46T	A [ ]	CODED TIME SOURCE *
		A [ ]	CTS single and time system with 10 or less slave clocks
		B [ ]	CTS dual and time system with 10 or less slave clocks
		C [ ]	CTS single and time system with 10-50 slave clocks
		D [ ]	CTS dual and time system with 10-50 slave clocks
		E [ ]	CTS single and time system with 51-100 slave clocks
		F [ ]	CTS dual and time system with 51-100 slave clocks
		G [ ]	CTS single and time system with 101-200 slave clocks
		H [ ]	CTS dual and time system with 101-200 slave clocks

Fac. Type	Fac. Code	Fac-mod/ Class	Description
[ ] DF	44A		DIRECTION FINDER — Solid State
		C [ ]	OF-VHF
		E [ ]	OF-UHF
[ ] DF	44H		DIRECTION FINDER — Tube or Hybrid
		3 [ ]	OF-VHF
		5 [ ]	OF-UHF
		A [ ]	Complete DF collocated with FSS (includes DFI)
		B [ ]	Remote DF collocated with another facility (indicator identified as DFI at control point)
		C [ ]	Remote DF stand alone primary facility (indicator identified as DFI at control point)
		D [ ]	Class A with simulator
NOTE: Directives for DF should also be distributed to FSS and AFSS locations.			
[ ] DFI	44B		DIRECTION FINDER INDICATOR — Solid State
		C [ ]	OF-VHF
		E [ ]	DFI-UHF
[ ] DFI	442		DIRECTION FINDER INDICATOR — Tube or Hybrid
		2 [ ]	DFI-VHF
		3 [ ]	DFI-UHF
		A [ ]	Standard Facility
		B [ ]	Class A with simulator
NOTE: Directives for DFI should also be distributed to DF locations.			
[ ] EOF	436	0 [ ]	EMERGENCY OPERATING FACILITY
[ ] GATR	41C		GROUND/AIR TRANSMITTER PRESEIZER
		A [ ]	TX 50 WATT/SCORLESS
		B [ ]	TX OVER 50 WATTS
		A [ ]	1-4 units
		B [ ]	5-8 units
		C [ ]	9-14 units
		D [ ]	15-26 units
		E [ ]	27 and above units
[ ] GOES	47E	A [ ]	GEOSTATIONARY OPERATIONAL ENVIRONMENTAL SATELLITE SYSTEM
[ ] IATSC	462	C [ ]	INT. AEROD. TELECOMM. SWITCH. CENTER (International Aeronautical Telecommunications Switching Center)

# AIRWAY FACILITIES NAS EQUIPMENT SELECTION CODE SHEET

## CATEGORY 4—COMMUNICATIONS FLIGHT ASSISTANCE AND WEATHER DETECTION FACILITIES (Continued)

Fat. Type	Fat. Code	Fat. Mod/Class	SS&p&D&
[ ]	ICSS	48B	INTEGRATED COMMUNICATIONS SWITCHING SYSTEM
		A [ ] TYPE I	
		B [ ] TYPE II	
		C [ ] TYPE III	
[ ]	IFST	429	0 [ ] IFSS TRANSMITTER (International Flight Service Transmitter Station)
[ ]	LASG	46L	LEASED A & B SERVICE
		A [ ] FAA	
		B [ ] WEATHER BUREAU AND AMOS	
		C [ ] AIRLINE	
		D [ ] MILITARY	
[ ]	LCOT	45A	A [ ] LINK TERMINAL VHF/UHF —Solid State
[ ]	LCOT	45I	1 [ ] LINK TERMINAL UHF/VHF —Tube or Hybrid
[ ]	LLWAS	47G	LOW LEVEL WINDSHEAR ALERT SYSTEM
		A [ ] FA-10240, FAIRCHILD-WESTON, RF LINK	
		B [ ] FA-10240, FAIRCHILD-WESTON, LAND LINE LINK	
		C [ ] FA-10240, FAIRCHILD-WESTON, HYBRID LINK	
		D [ ] FA-9980, SANGAMO-WESTON, RF LINK	
		E [ ] FA-9980, SANGAMO-WESTON, LAND LINE LINK	
		F [ ] FA-9980, SANGAMO-WESTON, HYBRID LINK	
		G [ ] FA-9981, FAIRCHILD-WESTON, RF LINK	
		H [ ] FA-9981, FAIRCHILD-WESTON, LAND LINE LINK	
		I [ ] FA-9981, FAIRCHILD-WESTON, HYBRID LINK	
		J [ ] FA-10033, FAIRCHILD-WESTON, (LAX ONLY)	
		K [ ] FA-10044, CLIMATRONICS, RF LINK	
		L [ ] FA-10044, CLIMATRONICS, LAND LINE LINK	
		M [ ] FA-10044, CLIMATRONICS, HYBRID LINK	
		N [ ] FA-9981, SANGAMO-WESTON, RF LINK	
		O [ ] FA-9981, SANGAMO-WESTON, LAND LINE LINK	
		P [ ] FA-9981, SANGAMO-WESTON, HYBRID LINK	
		Q [ ] FA-10239, CLIMATRONICS, RF LINK	
		R [ ] FA-10239, CLIMATRONICS, LAND LINE	
		S [ ] FA-10239, CLIMATRONICS, HYBRID LINK	
		T [ ] OTHER, RF LINK	
		U [ ] OTHER, LAND LINE LINK	
		V [ ] OTHER, HYBRID LINK	
		A [ ] 1 to 6 sensors	
		B [ ] 7 to 12 sensors	
		C [ ] 13 to 18 sensors	
		D [ ] 19 to 24 sensors	
[ ]	LNKR	45B	A [ ] LINK REPEATER UHF/VHF —Solid State
[ ]	LNKR	46Z	1 [ ] LINK REPEATER UHF/VHF —Tube or Hybrid

Fat. Type	Fat. Code	Fat. Mod/Class	Description
[ ]	MCR	46J	MULTI-CHANNEL RECORDER —Solid state
		A [ ] TR-1710	
		B [ ] TR-1720	
		C [ ] FA-5524	
		D [ ] FA-5524	
		E [ ] FA-5227	
		F [ ] DICTAPHONE 5000	
		G [ ] OTHER	
[ ]	MCR	469	MULTI-CHANNEL RECORDER —Tube or Hybrid
		1 [ ] CA-1700	
		2 [ ] CA-1496	
		3 [ ] OTHER	
[ ]	MCT	41E	A [ ] MAINTENANCE COMMUNICATIONS TRANSCEIVERS
[ ]	MDS	48DA	MASTER DEMARCATION SYSTEM
		A [ ] Standard facility (manual and passive)	
		B [ ] Class A with GRU (automatic circuit routing capability)	
[ ]	NADIN	46F	NATIONAL DATA INTERCHANGE NETWORK
		A [ ] NADIN A — Switching Center	
		B [ ] NADIN B — Concentrator	
		C [ ] PACKET — Switching Node Switching Center	
		D [ ] PACKET — Switching Node Concentrator	
		A [ ] Switching center (Atlanta and Salt Lake City)	
		B [ ] Concentrator (at ARTCC's)	
		C [ ] Switching node (at switching centers: Atlanta and Salt Lake City)	
		D [ ] Switching node (at ARTCC's)	
NOTE: Class A applies to FAC-Code 46FA only. Class B applies to FAC-Code 46FB only. Class C/D applies to FAC-Code 46FG and 46FH only.			
[ ]	MPCS	41D	NATIONAL RADIO COMMUNICATIONS SYSTEM
		A [ ] FM BASE STATION	
		B [ ] FM REPEATER	
		C [ ] HF SSB STATION ONLY	
		A [ ] Sector Office	
		B [ ] Center, Regional Office, Technical Center or Aeronautical Center	
		C [ ] Washington Headquarters	
		D [ ] Base with 1-10 associated units	
		E [ ] Base with 11-20 associated units	
		F [ ] Base with 21 or more associated units	
		G [ ] — Fixed	
		H [ ] — Portable	

Fat. Type	Fat. Code	Fat. Mod/Class	Description
[ ]	OAW	465	0 [ ] OFF-AIRWAYS WEATHER STATION
		A [ ] Automatic Meteorological Observation System (AMOS)	
		B [ ] All other weather stations	
[ ]	RBC	47Z	ROTATING BEAN CEILOMETER
		0 [ ] STANDARD	
		A [ ] LASER CEILOMETER	
[ ]	RCAG	41A	REMOTE CENTER A/G COMMUNICATIONS FACILITY —Solid State
		A [ ] STANDARD (TRANSMITTER OF LESS THAN 50 WATTS)	
		B [ ] EXTENDED RANGE (TRANSMITTER OF 50 WATTS OR OVER)	
		C [ ] PARTIAL, RECEIVERS ONLY	
		D [ ] PARTIAL, TRANSMITTERS ONLY	
		E [ ] STANDARD, AT ARTCC	
		F [ ] EXTENDED RANGE, AT ARTCC	
		G [ ] PARTIAL, RECEIVERS ONLY, AT ARTCC	
		H [ ] PARTIAL, TRANSMITTER ONLY, AT ARTCC	
		J [ ] EXTENDED RANGE, PARTIAL TRANSMITTER ONLY, AT ARTCC	
[ ]	RCAG	41I	REMOTE CENTER A/C COMMUNICATION FACILITY —Tube or Hybrid
		1 [ ] STANDARD (transmitter of less than 50 watts)	
		A [ ] 1-2 channels	
		B [ ] 3-4 channels	
		C [ ] 5-9 channels	
		D [ ] 10 or more channels	
		E [ ] Class A with RMM	
		F [ ] Class B with RMM	
		G [ ] Class C with RMM	
		H [ ] Class D with RMM	
		I [ ] Class A where RCAG is not the primary facility	
		J [ ] Class B where RCAG is not the primary facility	
		K [ ] Class C where RCAG is not the primary facility	
		L [ ] Class D where RCAG is not the primary facility	
		M [ ] Class E where RCAG is not the primary facility	
		N [ ] Class F where RCAG is not the primary facility	
		O [ ] Class G where RCAG is not the primary facility	
		P [ ] Class H where RCAG is not the primary facility	
NOTE: Directives for RCAG should be distributed to ARTCC and EARTS locations.			
[ ]	RCLR	45K	D [ ] RADIO COMMUNICATION LINK REPEATER
		A [ ] Repeater with no voice data multiplexing (VDM) drops	
		B [ ] Repeater with 1-96 VDM drops	
		C [ ] Repeater with 97 and above VDM drops	
		D [ ] Same as class A but collocated	
		E [ ] Same as class B but collocated	
		F [ ] Same as class C but collocated	
		G [ ] Passive Reflector	

# AIRWAY FACILITIES NAS EQUIPMENT SELECTION CODE SHEET

## CATEGORY 4 — COMMUNICATIONS FLIGHT ASSISTANCE AND WEATHER DETECTION FACILITIES (Continued)

Fac. Type	Fac. Code	Fac-mod/Class	Description
[ ]	RCLT	45K	A [ ] RADIO COMMUNICATION LINK TERMINAL
		A [ ]	1-96 VDM channels
		B [ ]	97-600 VDM channels
		C [ ]	601 and above 600 VDM channels

NOTE: Directives for RCLT should also be distributed to RCLR locations.

[ ]	RCO	42E	REMOTE COMMUNICATIONS OUTLET — Solid State
		A [ ]	FIXED
		B [ ]	PARTIAL (RCO) — Remote Transmitter
		C [ ]	PARTIAL (RCO) — Remote Receiver

[ ]	RCO	425	REMOTE COMMUNICATIONS OUTLET — Tube or Hybrid
		Z [ ]	MOBILE
		1 [ ]	FIXED
		2 [ ]	PARTIAL (RCO) — Remote Transmitter
		3 [ ]	PARTIAL (RCO) — Remote Receiver

A [ ]	1-4 units
B [ ]	5-8 units
C [ ]	9-14 units
D [ ]	15-22 units
E [ ]	23 and above units
F [ ]	Class A with tone control
G [ ]	Class B with tone control
H [ ]	Class C with tone control
J [ ]	Class D with tone control
K [ ]	Class E with tone control
A [ ]	1-4 units
B [ ]	5-8 units
C [ ]	9-14 units
D [ ]	15-22 units
E [ ]	23 and above units
F [ ]	Class A with tone control
G [ ]	Class B with tone control
H [ ]	Class C with tone control
J [ ]	Class D with tone control
K [ ]	Class E with tone control
P [ ]	Class A collocated
Q [ ]	Class B collocated
R [ ]	Class C collocated
S [ ]	Class D collocated
T [ ]	Class E collocated
U [ ]	Class F collocated
V [ ]	Class G collocated
W [ ]	Class H collocated
X [ ]	Class J collocated
Y [ ]	Class K collocated
O [ ]	Single frequency outlet
Z [ ]	Class 0 collocated

NOTE: Directives for RCO should also be distributed to FSS and AFSS locations.

Fac. Type	Fac. Code	Fac-mod/Class	Description
[ ]	RRH	473	REMOTE READOUT HYGROTHERMOMETER
		A [ ]	HO-60, National Weather Service
		B [ ]	HO-63, National Weather Service
		C [ ]	FA-9638, Airflow, Inc.
		D [ ]	FA-9641 1/12/13/14, TSL Systems, Inc.
		X [ ]	OTHER
		E [ ]	HO-83

[ ]	RTR	42A	REMOTE TRANSMITTER/RECEIVER — Solid State
		A [ ]	FIXED
		B [ ]	PARTIAL RTR — Remote Transmitter
		C [ ]	PARTIAL — Remote Receiver
		D [ ]	MOBILE

[ ]	RTR	421	REMOTE TRANSMITTER/RECEIVER — Tube or Hybrid
		1 [ ]	FIXED
		2 [ ]	PARTIAL RTR — Remote Transmitter
		3 [ ]	PARTIAL RTR — Remote Receiver

1-4 units
5-8 units
9-14 units
15-22 units
23-30 units
31-38 units
39 and above units
Class A with tone control
Class B with tone control
Class C with tone control
Class D with tone control
Class E with tone control
Class F with tone control
Class G with tone control
Single frequency (formerly SFO)
Restricted Area number 2508 (R-2508)
Class A Collocated (not primary)
Class B Collocated (not primary)
Class C Collocated (not primary)
Class D Collocated (not primary)
Class E Collocated (not primary)
Class F Collocated (not primary)
Class G Collocated (not primary)
Class H Collocated (not primary)
Class J Collocated (not primary)
Class K Collocated (not primary)
Class L Collocated (not primary)
Class M Collocated (not primary)
Class N Collocated (not primary)
Class P Collocated (not primary)
Class X Collocated (not primary)
Class 0 Collocated (not primary)

Fac. Type	Fac. Code	Fac-mod/Class	Description
[ ]	RVR	47A	RUNWAY VISUAL RANGE — Solid State Transmissometer
		A [ ]	WITH IRA COMPUTER
		C [ ]	WITH FA-7871 COMPUTER
		D [ ]	WITH TASKER 400 COMPUTER
		E [ ]	WITH TASKER 500 COMPUTER
		G [ ]	TRANSMISSOMETER (RVR System)
		H [ ]	NEW GENERATION (TBA)
		I [ ]	LASER
		X [ ]	OTHER — Prototype, Developmental
[ ]	RVR	471	RUNWAY VISUAL RANGE — Tube or Hybrid Transmissometer
		X [ ]	OTHER — Prototype, Developmental
		1 [ ]	TRANSMISSOMETER (RVR System)
		2 [ ]	IRA COMPUTER
		4 [ ]	FA-7871 COMPUTER
		5 [ ]	TASKER 400 COMPUTER
		6 [ ]	TASKER 500 COMPUTER

[ ]	SACOM	431	A [ ] SATELLITE COMMUNICATION NETWORK
[ ]	SSO	42B	A [ ] SELF-SUSTAINED OUTLET
[ ]	TELEX	435	0 [ ] TELEPHONE EXCHANGE
		D [ ]	301/ATCT (Alaskan Region)
		E [ ]	301/RAPCO (Edwards Air Force Base ATCF)
		F [ ]	301/ARTCC (Alaskan Region)
		G [ ]	10 or less instruments
		H [ ]	11 to 50 instruments
		J [ ]	Over 50 instruments
		K [ ]	Other type of 300 series system

[ ]	ICG	48A	B [ ] TOWER COMMUNICATIONS SYSTEM
[ ]	TWEB	46B	TRANSCRIBED WEATHER BROADCAST — Solid State
		A [ ]	TREC-89
		B [ ]	COMMEX — 1000
		C [ ]	FA — 10146
		X [ ]	OTHER
[ ]	TWEB	466	TRANSCRIBED WEATHER BROADCAST — Tube or Hybrid
		1 [ ]	SONI-CRAFT
		2 [ ]	AMPRO
		4 [ ]	OTHER
		A [ ]	Standard facility
		B [ ]	Class A with HIWAS

# AIRWAY FACILITIES NAS EQUIPMENT SELECTION CODE SHEET

## CATEGORY 4 -- COMMUNICATIONS FLIGHT ASSISTANCE AND WEATHER DETECTION FACILITIES (Continued)

Rec. Type	Rec. Code	Rec-mod/Class	Description
<input type="checkbox"/>	VSCS	48C	B <input type="checkbox"/> VOICE SWITCHING AND CONTROL SYSTEM
<input type="checkbox"/>	WMSC	433	O <input type="checkbox"/> WEATHER MESSAGE SWITCHING CENTER
<input type="checkbox"/>	WMSCR	43C	A <input type="checkbox"/> WEATHER MESSAGE SWITCHING CENTER REPLACEMENT
			A <input type="checkbox"/> Switching Center (Salt Lake City and Atlanta)
			B <input type="checkbox"/> Interface Device (Washington ARTCC)



**CATEGORY 5—RADAR DATA ACQUISITION AND TRANSFER FACILITIES (Continued)**

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# AIRWAY FACILITIES NAS EQUIPMENT SELECTION CODE SHEET

## CATEGORY 6— COMPUTER AND DISPLAY SYSTEMS— GENERAL

Associated Administrative List — ZAF-606

<u>Fac. Type</u>	<u>Fac. Code</u>	<u>Fac. modl/ Class</u>	<u>Description</u>	<u>Fac. Type</u>	<u>Fac. Code</u>	<u>Fac. modl/ Class</u>	<u>Description</u>	<u>Fac. Type</u>	<u>Fac. Code</u>	<u>Fac. modl/ Class</u>	<u>Description</u>
[ ]	ACCC	662	A [ ] AREA CONTROL COMPUTER COMPLEX (Center AAS System)	[ ]	FOEP	624	0 [ ] FLIGHT DATA ENTRY AND PRINTOUT	[ ]	RMSC	67C	A [ ] REMOTE MONITORING SUBSYSTEM CONCENTRATOR
[ ]	AWP	68A	A [ ] AVIATION WEATHER PROCESSOR	[ ]	FODIC	62B	A [ ] FLIGHT DATA INPUT/OUTPUT CENTER (ARTCC)	[ ]	SPS	68D	SYSTEM PERFORMANCE SPECIALTY
[ ]	BRTE	61C	BRTE RADAR INDICATOR TERMINAL EQUIPMENT 1 [ ] BRTE - 1 2 [ ] BRTE-22 3 [ ] BRTE-44 4 [ ] BRTE - 5 (DIGITAL) 5 [ ] BRTE - 2/4 COMBINATION 6 [ ] BRTE - PROTOTYPE	[ ]	FODIR	62B	B [ ] FLIGHT DATA INPUT/OUTPUT - REMOTE				A [ ] SPS ARTCC, Sector Level B [ ] SPS, ARTS III related, SFO Level C [ ] SPS G-NAS, SECTOR Level D [ ] EARTS E [ ] DARC EDWARDS AFB
[ ]	CCC	66A	CENTRAL COMPUTER COMPLEX A [ ] IBM -99020 WITH DCC B [ ] IBM - 9020 WITH DCC	[ ]	FORB	62B	C [ ] FLIGHT DATA REMOTING SYSTEM A [ ] San Juan CERAP B [ ] Miami ARTCC	[ ]	TCCC	662	B [ ] TOWER CONTROL COMPUTER COMPLEX
[ ]	CCCH	66A	C [ ] HOSTCOMPUTER	[ ]	FSORS	67A	A [ ] FLIGHT SERVICES DATA PROCESSING SYSTEM at ARTCC A [ ] Model 11	[ ]	TCDD	61L	A [ ] TOWER CAB DIGITAL DISPLAY
[ ]	CCMS	67D	A [ ] CENTRAL CONTROL MONITORING SYSTEM A [ ] Terminals B [ ] Centers	[ ]	FSORS	67A	B [ ] FLIGHT SERVICES DATA PROCESSING SYSTEM B [ ] Model 1 computer full capacity at center	[ ]	TODS	61M	A [ ] TERMINAL DATA DISPLAY SYSTEM
[ ]	CCTV	61D	0 [ ] CLOSED CIRCUIT TELEVISION	[ ]	GNDS	61W	A [ ] GRAPHIC WEATHER DISPLAY SYSTEM	[ ]	TIPS	61K	A [ ] TERMINAL INFORMATION PROCESSING SYSTEM
[ ]	CDC	61F	A [ ] COMPUTER DISPLAY CHANNEL	[ ]	ISSS	66B	A [ ] INITIAL SECTOR SUITE SYSTEM	[ ]	TMU	61N	A [ ] TRAFFIC MANAGEMENT UNIT A [ ] ARTCC/ACF B [ ] Terminal C [ ] ATCT D [ ] FAA Headquarters
[ ]	CIC	61B	0 [ ] CUSTOMS INTERFACE CONTROLLER	[ ]	MCCP	63H	A [ ] MAINTENANCE CONTROL CENTER PROCESSOR/ MAINTENANCE MONITOR CONSOLE				
[ ]	CTERM	61T	A [ ] COMPUTER TERMINALS	[ ]	MPS	67B	MAINTENANCE PROCESSING SYSTEM A [ ] ARTCC B [ ] SECTOR (GNAS)				
[ ]	CUE	61H	A [ ] COMPUTER UPDATE EQUIPMENT	[ ]	OFORS	67A	C [ ] OFFSHORE FLIGHT DATA PROCESSING SYSTEM A [ ] Honolulu IBM 4381 System B [ ] Anchorage HP 1000 System C [ ] San Juan IBM System 7 System				
[ ]	CWP	66A	B [ ] CENTRAL WEATHER PROCESSOR A [ ] PHASE I - MWPP Only B [ ] PHASE II - MWPP and RWPP - Full System Capacity	[ ]	PAM	61P	A [ ] PERIPHERAL ADAPTER MODULE				
[ ]	DARC	61U	DIRECT ACCESS RADAR CHANNEL A [ ] DARC B [ ] MT-DARC C [ ] ENHANCED	[ ]	PAMRI	61P	B [ ] PERIPHERAL ADAPTER MODULE REPLACEMENT INTERFACE				
[ ]	DCC	61G	A [ ] DISPLAY CHANNEL COMPLEX A [ ] Fort Worth B [ ] New York and Washington F [ ] Chicago and Cleveland	[ ]	RBOE	61A	RADAR BRIGHT DISPLAY EQUIPMENT - Solid State A [ ] RBOE-55 B [ ] RBOE-56				
[ ]	DLP	66B	A [ ] DATA LINE PROCESSOR	[ ]	RBOE	61H	RADAR BRIGHT DISPLAY EQUIPMENT - Tube or Hybrid 4 [ ] RBOE-44 6,				
[ ]	DRG	61P	0 [ ] DATA RECEIVER GROUP	[ ]	RCIU	67C	A [ ] REMOTE CONTROL INTERFACE UNIT				
[ ]	EDPS	66F	A [ ] ELECTRONIC DATA PROCESSING SYSTEM	[ ]	RID	61F	A [ ] RUNWAY INTRUSION DEVICE'				



# AIRWAY FACILITIES NAS ~~EQUIPMENT SELECTION~~ CODE SHEET

## CATEGORY 8— HOUSING, UTILITIES, AND MISCELLANEOUS SUPPORT FACILITIES/EQUIPMENT

Associated Administrative List—ZAF-807

<u>Fac. Type</u>	<u>Fac. Code</u>	<u>Fac-mod/Class</u>	<u>Description</u>	<u>Fac. Type</u>	<u>Fac. Code</u>	<u>Fac-mod/Class</u>	<u>Description</u>	<u>Fac. Type</u>	<u>Fac. Code</u>	<u>Fac-mod/Class</u>	<u>Description</u>
[ ]	ATBM	818	AIRWAY/TERMINAL BUILDING MAINTENANCE	[ ]	TOWB	817	TOWER BUILDING				
			1 [ ] FSS/AFSS Bldg. Maintenance	A [ ]			TYPE-L (USAF modified) 30-90 feet high, 4-sided metal shaft, 4-sided cab				
			2 [ ] MHFR Bldg. Maintenance	B [ ]			AVCO, TURNKEY — 30-90 feet high, 4-sided metal shaft, 6-sided cab				
			3 [ ] AFS Bldg. Maintenance	C [ ]			SPONSOR OWNED				
			4 [ ] SFO Bldg. Maintenance	D [ ]			REGION DESIGN				
			5 [ ] ARTS Bldg. Maint (not collocated with ATCT)	E [ ]			SPECIAL				
			6 [ ] TRACO Bldg. Maintenance (not collocated with ATCT)	F [ ]			MILITARY				
			7 [ ] CBIBldg. Maintenance (not collocated)	G [ ]			LEO A. DALY				
[ ]	ATRAM	847	0 [ ] AERIAL TRAMWAY	1 [ ]			TYPE 0 and/or MODIFIED, 5-sided metal — 48 feet high				
			A [ ] El Paso, Mt. Franklin RCAG/RTTRWML High Site	2 [ ]			TYPE 01, 5-sided metal — 60 feet high				
			B [ ] Salt Lake City ARSR	3 [ ]			IMPEL, 5-sided concrete — 90-210 feet high				
[ ]	CMF	882	1 [ ] CENTRAL MAINTENANCE FACILITY	4 [ ]			HUNT, TURNKEY, 30-90 feet high, 4-sided metal shaft, 6-sided cab				
[ ]	CRF	852	0 [ ] CENTRAL REPAIR FACILITY	5 [ ]			MOCK, 4-sided metal shaft, 5-sided cab — 50-75 feet high				
[ ]	CTRB	818	0 [ ] CENTER BUILDING MAINTENANCE	6 [ ]			WELTON BECKET CONCRETE shaft, 8-sided cab — 120-195 feet high				
[ ]	CWC	852	2 [ ] CENTRAL WORK CENTER	7 [ ]			AIR-A-PLANE (AWG), 4-6-sided metal shaft, 6-sided cab				
[ ]	MCC	852	4 [ ] MAINTENANCE CONTROL CENTER	8 [ ]			OTHER — Including standard cab or existing building				
			A [ ] Maintenance Control Center at ATRCC	9 [ ]			GOLEMON ROOFEE, including modified concrete shaft, 8-sided cab, 75-105 feet high				
			B [ ] General NAS Sector								
[ ]	NMCE	852	A [ ] NETWORK MONITOR & CONTROL EQUIPMENT								
[ ]	PCS	835	0 [ ] POWER CONDITIONING SYSTEM								
			A [ ] Single module, single phase, up to 25KVA								
			B [ ] Single module, 3 phase, up to 25KVA								
			C [ ] Single module, 3 phase, 25 to 100KVA								
			D [ ] Single module, 3 phase, 101 to 250KVA								
			E [ ] Single module, 3 phase, 251KVA and above								
			F [ ] 3-5 modules, 3 phase tot to 250KVA								
			G [ ] 3-5 modules, 3 phase, 251KVA and above								



5/7/90

1720.30B  
Appendix 4

FIGURE 3. EXAMPLE OF FAA FORM 1100-1 FOR DISCONTINUED OFFICE

<b>DIRECTORY – DISTRIBUTION CHANGE NOTICE</b>				<b>A. Control number</b>	
<b>B. Type of action – Mark "X" one box</b> <input checked="" type="checkbox"/> <b>DISCONTINUE</b> – Complete Parts I and III <input type="checkbox"/> <b>NEW</b> – Complete Parts II and III <input type="checkbox"/> <b>CHANGE</b> – Complete Parts I, III, and Items in Part II to be changed					
<b>Part I – OLD ADDRESS OR REQUIREMENTS</b>			<b>Part II – NEW ADDRESS OR REQUIREMENTS</b>		
<b>1. Name of office</b> Alma Sector Field Office Metropolitan area – <del>City</del> and State Alma, Georgia		<b>Routing symbol</b> 0846A	<b>1. Name of office</b> <del>Metropolitan area – City</del> and State		<b>Routing symbol</b>
<b>2. Name of facility chief/supervisor</b> John Doe			<b>2. Name of facility chief/supervisor</b>		
<b>3. Physical location – Airport/building, room number, street address, city, State, ZIP code</b> Alma – Bacon County Airport Alma, Georgia 31510			<b>3. Physical location – Airport/building, room number, street address, city, State, ZIP code</b>		
<b>4. Mailing address</b> <input checked="" type="checkbox"/> Same as "3" – Enter ZIP code P. O. Box F Alma, Georgia 31510			<b>4. Mailing address</b> <input checked="" type="checkbox"/> Same as "3" – Enter ZIP code		
<b>5. Freight address</b> <input checked="" type="checkbox"/> Same as "3" <input type="checkbox"/> Same as "4"			<b>5. Freight address</b> <input checked="" type="checkbox"/> Same as "3" <input type="checkbox"/> Same as "4"		
<b>6. Telephone numbers – Include area and access codes</b> <b>a. Commercial</b> <b>b. FTS</b> 912 632-4295      242-31110 <input checked="" type="checkbox"/> On-net <input checked="" type="checkbox"/> Off-net			<b>6. Telephone numbers – Include area and access codes</b> <b>a. Commercial</b> <b>b. FTS</b> :      : <input type="checkbox"/> On-net <input checked="" type="checkbox"/> Off-net		
<b>7. Cost center code</b> 0846A		<b>8. Parent sector field office cost center code (Sector field office units only)</b>			
<b>9. GSA address code</b> 7-694303		<b>10. Field office</b> AFSFO			
<b>11. Region</b> so		<b>12. Distribution code</b> FAF-7			
<b>13. Distribution – Enter number of copies required</b>					
<b>a. Supervisors</b> 1	<b>b. All empl.</b> 4	<b>c. Maximum</b> 4	<b>d. Standard</b> 2	<b>e. Limited</b> 2	<b>15. Remarks</b>
<b>14. ATTACH OLD MAILING LABEL</b> GAALFAF7 FAF7 DOT FAA AFSFO A001 B004 C004 D002 E002 PU DRAWER F ALMA      GA 31510					<b>15. Remarks</b>
<b>Part III – ROUTING AND APPROVAL</b>					
<b>FROM</b> <b>16. Facility chief/supervisor – Type name and sign</b> John Doe		<b>Coordinator</b> <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>17. Effective date</b> 7/24/83	<b>THRU</b> <b>18a. Routing symbol</b> ASO-002	
<b>18b. Area official's initials</b>		<b>19b. Routing symbol</b> ASO-52C4		<b>20. Approval date</b>	
<b>19a. Regional distribution officer – Type name and sign</b> Usher V. Walker				<b>21. Washington distribution control officer – Signature</b>	
<b>22. Date reviewed</b>					



5/7/90

1720.30B  
Appendix 4

## APPENDIX 4. SAMPLE FORMS 1100-1, DIRECTORY -- DISTRIBUTION CHANGE NOTICE

FIGURE 1. EXAMPLE OF FAA FORM 1100-1 FOR NEW OFFICE

DIRECTORY - DISTRIBUTION CHANGE NOTICE					A. Control number	
<b>B. Type of action - Mark "X" one box</b> <input checked="" type="checkbox"/> <b>DISCONTINUE</b> - Complete Parts I and III <input checked="" type="checkbox"/> <b>RENEW</b> - Complete Parts II and III <input type="checkbox"/> <b>CHANGE</b> - Complete Parts I, III, and Items in Part II to be changed						
<b>Part I - OLD ADDRESS OR REQUIREMENTS</b>				<b>Part II - NEW ADDRESS OR REQUIREMENTS</b>		
1. Name of office		Routing symbol		1. Name of office		Routing symbol
Metropolitan area - City and State				Airway Facilities Sector Field Office		QGV
2. Name of facility chief /supervisor				Metropolitan area - City and State Ft. Fisher, North Carolina		
3. Physical location - Airport/building, room number, street address, city, State, ZIP code				2. Name of facility chief /supervisor John Doe		
4. Mailing address		<input checked="" type="checkbox"/> Same as "3" - Enter ZIP code		3. Physical location - Airport/building, room number, street address, city, State, ZIP code Ft. Fisher Air Force Station Ft. Fisher, NC 28449		
5. Freight address		<input checked="" type="checkbox"/> Same as "3" <input checked="" type="checkbox"/> Same as "4"		4. Mailing address		<input type="checkbox"/> Same as "3" - Enter ZIP code
				DOT/FAA/AFSFO P. O. Box 1159 Carolina Beach, NC 28428		
6. Telephone numbers - Include area and access codes				5. Freight address		<input checked="" type="checkbox"/> Same as "3" <input checked="" type="checkbox"/> Same as "4"
a. Commercial	b. FTS	<input type="checkbox"/> On-net <input type="checkbox"/> Off-net		6. Telephone numbers - Include area and access codes		
				a. Commercial		b. FTS
				919/458-7367		N/A
7. Cost center code	8. Parent sector field office cost center code (Sector field office units only)				7. Cost center code	8. Parent sector field office cost center code (Sector field office units only)
					864R	864A
9. GSA address code	10. Field office				9. GSA address code	10. Field office
					7-694550	AFSFO
11. Region	12. Distribution code				11. Region	12. Distribution code
					SO	FAF-7
13. Distribution - Enter number of copies required				13. Distribution - Enter number of copies required		
a. Supervisors	b. All empl.	c. Maximum	d. Standard	e. Limited	a. Supervisors	b. All empl.
					1	6
					2	22
						1
14. ATTACH OLD MAILING LABEL				15. Remarks		
				Establishment of new sector field office.		
<b>Part III - ROUTING AND APPROVAL</b>						
FROM 16. Facility chief/supervisor - Type name and sign		Coordinator	17. Effective date	THRU 18a. Routing symbol		
John Doe		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12/10/87	ASO-002		
19a. Regional distribution officer - Type name and sign		19b. Routing symbol	20. Approval date		18b. Area official's initials	
Usher Walker		ASO-52C4				
21. Washington distribution control officer - Signature				22. Date reviewed		



5/7790

FIGURE 2. EXAMPLE OF FAA FORM 1100-1 FOR CHANGE

<b>DIRECTORY - DISTRIBUTION CHANGE NOTICE</b>				A. Control number	
B. Type of action - Mark "X" <del>one</del> box <input checked="" type="checkbox"/> <b>DISCONTINUE</b> - Complete Parts I and III <input type="checkbox"/> <b>NEW</b> - Complete Parts II and III <input checked="" type="checkbox"/> <b>CHANGE</b> - Complete Parts I, III, and Items in Part II to be changed					
<b>Part I - OLD ADDRESS OR REQUIREMENTS</b>			<b>Part II - NEW ADDRESS OR REQUIREMENTS</b>		
1. Name of office  Airway Facilities Sector Metropolitan area - City and State Tampa, Florida		Routing symbol		1. Name of office  Metropolitan area - City and State	
2. Name of facility chief/supervisor  John Doe		2. Name of facility chief/supervisor			
3. Physical location - Airport/building, room number, street address, city, State, ZIP code  FAA ATCT Building Tampa International Airport Tampa, Florida 33607		3. Physical location - Airport/building, room number, street address, city, State, ZIP code  5402 Hoover Boulevard Suite C Tampa, Florida 33634			
4. Mailing address <input checked="" type="checkbox"/> Same as "3" - Enter ZIP code		4. Mailing address <input checked="" type="checkbox"/> Same as "3" - Enter ZIP code			
5. Freight address <input type="checkbox"/> Same as "3" <input type="checkbox"/> Same as "4"  Call 813/228-2571 before delivery.		5. Freight address <input type="checkbox"/> Same as "3" <input checked="" type="checkbox"/> Same as "4"  5402 Hoover Boulevard Suite C Tampa, Florida 33634			
6. Telephone numbers - Include area and access codes					
a. Commercial  813/228-2571		b. FTS  826-2571		<input checked="" type="checkbox"/> On-net <input type="checkbox"/> Off-net	
7. Cost center code  0868A		8. Parent sector field office cost center code (Sector field office units only)			
9. GSA address code  7-694254		10. Field office  AFS			
11. Region  Southern		12. Distribution code  FAF-2		12. Distribution code	
13. Distribution - Enter number of copies required					
a. Supervisors  4	b. All empl.  20	c. Maximum  4	d. Standard  2	e. Limited  2	
14. ATTACH OLD MAILING LABEL  056549 FAF2 DOT FAA AFS A004 B020 C004 D002 E002 TAMPA INTL ARPT FAA BLDG TAMPA FL 33607			15. Remarks		
<b>Part III - ROUTING AND APPROVAL</b>					
FROM 16. Facility chief/supervisor - Type name and sign  John Doe		Coordinator <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NO		17. Effective date  5/9/88	
18a. Routing symbol  ASO-002		18b. Area official's initials			
19a. Regional distribution officer - Type name and sign  Usher Walker			19b. Routing symbol  ASO-52C4		20. Approval date
21. Washington distribution control officer - Signature					22. Date reviewed

